

Please type a plus sign (+) inside this box →

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

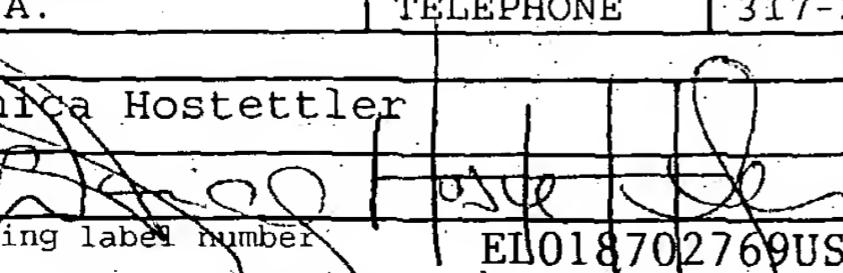
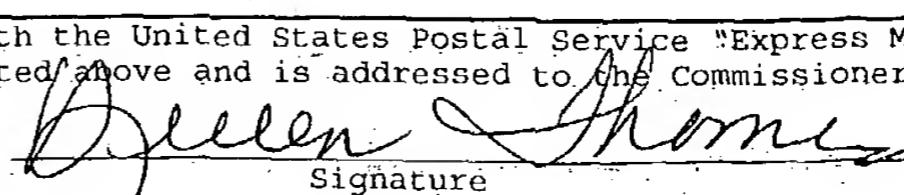
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

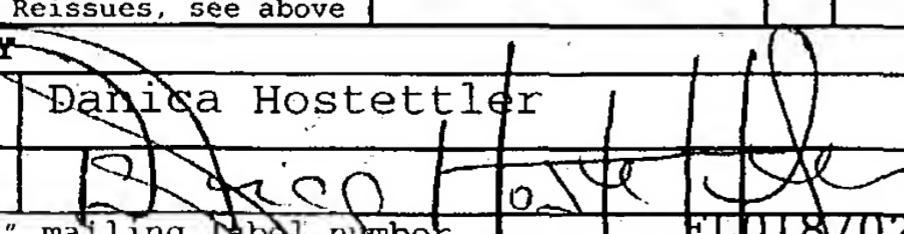
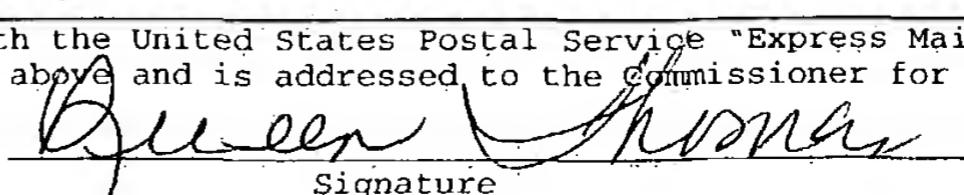
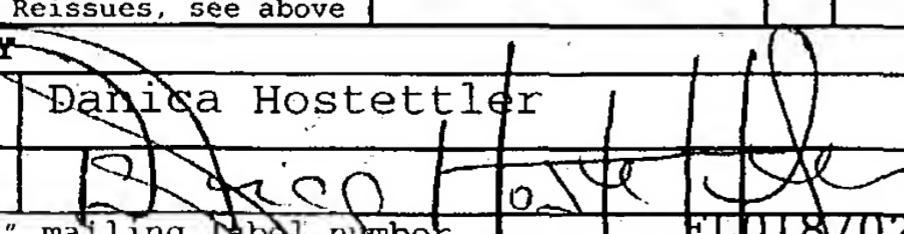
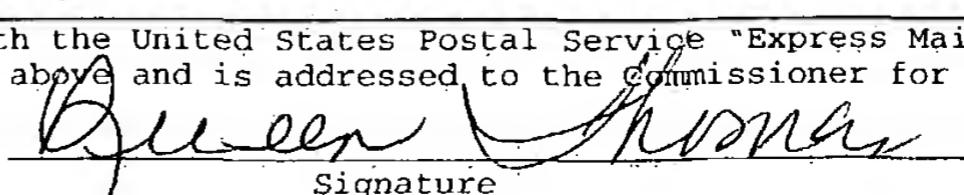
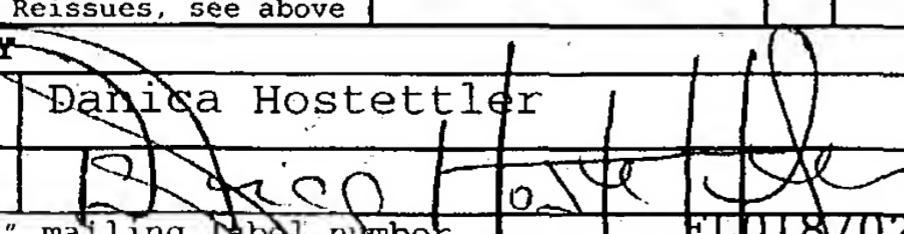
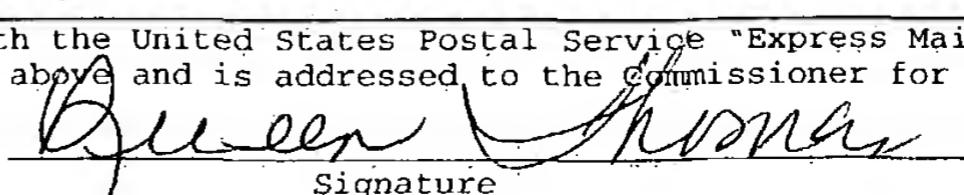
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only) for new nonprovisional applications under 37 CFR 1.53(b)</small>	Attorney Docket No.	X12448B
	First Named Inventor or Application Identifier	
	Charles Jack Fisher	
Express Mail Label No.	EL018702769US	16591 U.S. 602936 06/24/03

<b>Application Elements</b> See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification <small>(preferred arrangement set forth below)</small> [Total 22 Pages]		7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
- Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure		
3. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 1]		8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
4. Oath or Declaration [Total Pages 3]		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney 10. <input type="checkbox"/> English Translation Document (if applicable)
a. <input type="checkbox"/> Newly executed (original or copy)		11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]		12. <input checked="" type="checkbox"/> Preliminary Amendment
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
5. <input checked="" type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		14. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
<input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional		16. <input type="checkbox"/> Other: XXX
		Continuation-in-part (CIP) of prior application No: 09/731,467 filed December 7, 2000, which was a continuation of 09/458,905 filed December 10, 1999

#### 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label	(Insert Customer No. Or Attach bar code label here)		or	Correspondence address below
Eli Lilly and Company				
ADDRESS		 25885		
Patent Division P.O. Box 6288		PATENT TRADEMARK OFFICE		
CITY	Indianapolis	STATE	Indiana	ZIP CODE 46206-6288
COUNTRY	U.S.A.	TELEPHONE	317-276-3711	FAX 317-276-3861
SUBMITTED BY		Complete (if applicable)		
Typed or Printed Name	Danica Hostettler		Reg. Number	51,820
Signature			Date	June 23, 2003
"Express Mail" mailing label number		EL018702769US		
Date of Deposit		6-24-03		
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.				
Printed Name		 Signature		

FEE TRANSMITTAL						Complete if Known																																																																																																																																																																																																																																																																																																																			
						Application Number		Filing Date		First Named Inventor		Charles Jack Fisher																																																																																																																																																																																																																																																																																																													
Note: Effective November 10, 1997. Patent fees are subject to annual revision.						Group Art Unit		Examiner Name																																																																																																																																																																																																																																																																																																																	
TOTAL AMOUNT OF PAYMENT		(\$).1764.00				Attorney Docket Number		X-12448B																																																																																																																																																																																																																																																																																																																	
METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																			
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 05-0840</p> <p>Deposit Account Name Eli Lilly and Company</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input type="checkbox"/> Payment Enclosed:      <input type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>						<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>410</td><td>216</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>930</td><td>217</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,450</td><td>218</td><td>725</td><td>Extension for reply within fourth month</td><td>930</td></tr> <tr><td>128</td><td>1,970</td><td>228</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive-unavoidable</td><td></td></tr> <tr><td>141</td><td>1,300</td><td>241</td><td>650</td><td>Petition to revive-unintentional</td><td></td></tr> <tr><td>142</td><td>1,300</td><td>242</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>470</td><td>243</td><td>235</td><td>Design Issue Fee</td><td></td></tr> <tr><td>144</td><td>630</td><td>244</td><td>315</td><td>Plant Issue Fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>750</td><td>246</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>750</td><td>249</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify)</td> <td colspan="4"></td> </tr> <tr><td colspan="6">Other fee (specify)</td> <td colspan="4"></td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee Paid</td> <td colspan="4">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="6">SUBTOTAL (2) (\$)</td> <td colspan="4">930.00</td> </tr> <tr> <td colspan="6">**or number previously paid, if greater; For Reissues, see above</td> <td colspan="4"></td> </tr> <tr> <td colspan="6">SUBMITTED BY</td> <td colspan="4">Complete (if applicable)</td> </tr> <tr> <td>Typed or Printed Name</td> <td colspan="5">Danica Hostettler</td> <td colspan="2">Reg. Number</td> <td colspan="2">51,820</td> </tr> <tr> <td>Signature</td> <td colspan="5"></td> <td colspan="2">Date</td> <td colspan="2">June 23, 2002</td> </tr> <tr> <td colspan="6">"Express Mail" mailing label number</td> <td colspan="4">EL018/02769US</td> </tr> <tr> <td colspan="6">Date of Deposit</td> <td colspan="4">8-24-02</td> </tr> <tr> <td colspan="10">I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</td> </tr> <tr> <td colspan="6">QUEEN THOMAS</td> <td colspan="4"></td> </tr> <tr> <td colspan="6">Printed Name</td> <td colspan="4">Signature</td> </tr> </tbody> </table>				Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	410	216	205	Extension for reply within second month		117	930	217	465	Extension for reply within third month		118	1,450	218	725	Extension for reply within fourth month	930	128	1,970	228	985	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive-unavoidable		141	1,300	241	650	Petition to revive-unintentional		142	1,300	242	650	Utility issue fee (or reissue)		143	470	243	235	Design Issue Fee		144	630	244	315	Plant Issue Fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt.		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	750	246	375	Filing a submission after final rejection (37 CFR 1.129(a))		149	750	249	375	For each additional invention to be examined (37 CFR 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify)										Other fee (specify)										*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)				SUBTOTAL (2) (\$)						930.00				**or number previously paid, if greater; For Reissues, see above										SUBMITTED BY						Complete (if applicable)				Typed or Printed Name	Danica Hostettler					Reg. Number		51,820		Signature						Date		June 23, 2002		"Express Mail" mailing label number						EL018/02769US				Date of Deposit						8-24-02				I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.										QUEEN THOMAS										Printed Name						Signature			
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																				
105	130	205	65	Surcharge-late filing fee or oath																																																																																																																																																																																																																																																																																																																					
127	50	227	25	Surcharge-late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																																																																					
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																																																					
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																																					
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																																																					
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																																					
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																																					
116	410	216	205	Extension for reply within second month																																																																																																																																																																																																																																																																																																																					
117	930	217	465	Extension for reply within third month																																																																																																																																																																																																																																																																																																																					
118	1,450	218	725	Extension for reply within fourth month	930																																																																																																																																																																																																																																																																																																																				
128	1,970	228	985	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																					
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																																																																																																																					
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																					
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																																																																																																																					
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																																					
140	110	240	55	Petition to revive-unavoidable																																																																																																																																																																																																																																																																																																																					
141	1,300	241	650	Petition to revive-unintentional																																																																																																																																																																																																																																																																																																																					
142	1,300	242	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																																					
143	470	243	235	Design Issue Fee																																																																																																																																																																																																																																																																																																																					
144	630	244	315	Plant Issue Fee																																																																																																																																																																																																																																																																																																																					
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																					
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																																																					
126	180	126	180	Submission of Information Disclosure Stmt.																																																																																																																																																																																																																																																																																																																					
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																					
146	750	246	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																																					
149	750	249	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																					
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																					
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																					
Other fee (specify)																																																																																																																																																																																																																																																																																																																									
Other fee (specify)																																																																																																																																																																																																																																																																																																																									
*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)																																																																																																																																																																																																																																																																																																																			
SUBTOTAL (2) (\$)						930.00																																																																																																																																																																																																																																																																																																																			
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																																																																																																																																									
SUBMITTED BY						Complete (if applicable)																																																																																																																																																																																																																																																																																																																			
Typed or Printed Name	Danica Hostettler					Reg. Number		51,820																																																																																																																																																																																																																																																																																																																	
Signature						Date		June 23, 2002																																																																																																																																																																																																																																																																																																																	
"Express Mail" mailing label number						EL018/02769US																																																																																																																																																																																																																																																																																																																			
Date of Deposit						8-24-02																																																																																																																																																																																																																																																																																																																			
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.																																																																																																																																																																																																																																																																																																																									
QUEEN THOMAS																																																																																																																																																																																																																																																																																																																									
Printed Name						Signature																																																																																																																																																																																																																																																																																																																			